



South Dakota 7-Day Significant Fire Potential Outlook



Issued: Monday, June 16, 2014

Predictive Service Areas	Ytd	Mon	Tue	Wed	Thu	Fri	Sat	Sun
	Jun 15	Jun 16	Jun 17	Jun 18	Jun 19	Jun 20	Jun 21	Jun 22
RM50 - Black Hills Southwest								
RM51 - Black Hills Northeast								
RM52 - Grand River National Grassland								
RM53 - Standing Rock/Cheyenne River								
RM54 - Coteau Des Prairies North								
RM55 - Badlands/Pine Pine Ridge								
RM56 - Fort Pierre/Lower Brule								
RM57 - Coteau Des Prairies South								

Legend

Fuel Dryness

Moist

- Low risk for large fires if ignition occurs.

Dry

- Moderate risk for large fire activity if ignition occurs.

Very Dry

- Fuel indicies that have historically supported multiple large fire days if ignition occurs.

Data Unavailable.

High Risk Triggers

W

Wind 25 mph or greater in combination with RH 15% or less.

H

Hot, Dry, and Unstable.
Temperatures 10 degrees or more above average, in combination with RH 15% or less, and an unstable atmosphere.

⚡

Dry Lightning.

Weather Synopsis:
The RMA remains influenced by a southwest flow aloft ahead of an upper trough that is currently over the Pacific states. Dry desert air from the southwest coupled with a tightening pressure gradient will equate to windy, dry, and warm conditions through Tuesday across all but far eastern portions of the region. The upper trough and associated cold front should bring brief relief to much of the region (especially north) by Wednesday through an increase in humidity, moderating temperatures, and scattered thunderstorm activity. In southern Colorado however, expect less wind by Wednesday and especially Thursday into the weekend, but with a continued dry regime. Late in the weekend look for an increase in moisture east of the continental divide, with a northwest flow aloft developing as the upper high shifts westward into the Great Basin.

Fire Potential Discussion:
Fuel moistures are on a drying trend across Colorado and Wyoming, especially west of the continental divide into south-central Colorado. Green-up has progressed across most of the region, however, lower elevation grasses are beginning to reach their cured stage across the lower elevations of west-central Colorado, and especially southwest Colorado. The drier fuels mainly in the lower elevations across west-southwest Colorado are becoming more susceptible to large fires, and are highlighted for windy, warm, and dry conditions through Wednesday.

Resources
The RMA is currently at a preparedness level 1.

NOTICE: Forecasts for the following PSA's may be unavailable or unrepresentative of actual conditions due to missing observations from the stations listed: